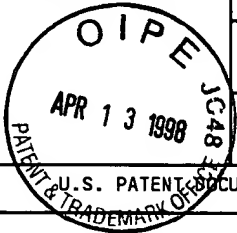


Sheet 1 of 1

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|---|--|--|--|-----------------------------------|--|--------------------------|--|
| FORM PTO-1449 (REV. 2-32) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY DOCKET NO. MIO 020 1A | | SERIAL NO. 09/026,080 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | | APPLICANTS HEMBREE et al. | | | |
| | | | | FILING DATE February 19, 1998 | | GROUP ART UNIT | |



| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|----------|------------------|-------|----------|----------------------------|
| <i>ACB</i> | 4,667,154 | 05/19/87 | Allerton et al. | | | |
| <i>AS</i> | 4,870,356 | 09/26/89 | Tingley | | | |
| <i>AS</i> | 5,014,967 | 05/14/91 | Wolf et al. | | | |
| <i>AS</i> | 5,302,891 | 04/12/94 | Wood et al. | | | |
| <i>AS</i> | 5,326,428 | 07/05/94 | Farnworth et al. | | | |
| <i>AS</i> | 5,408,190 | 04/18/95 | Wood et al. | | | |
| <i>AS</i> | 5,419,807 | 05/30/95 | Akram et al. | | | |
| <i>AS</i> | 5,483,741 | 01/16/96 | Akram et al. | | | |
| <i>AS</i> | 5,495,179 | 02/27/96 | Wood et al. | | | |
| <i>AS</i> | 5,581,195 | 12/03/96 | Lee et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--|-----------------|------|---------|-------|----------|-------------|----|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | |
|--|--|
| <i>AS</i> | Fjelstad, Joseph, "A Return to Order Standard Grid Pitches in Advanced Electronic Assembly", March/April 1997, <u>ADVANCED PACKAGING's Guide to Emerging Technologies</u> , pgs 8-10 |
| <i>AS</i> | Brathwaite, Nic, "Contracting the Future An EMS Overview of Today's Emerging Technologies" March/April 1997, <u>ADVANCED PACKAGING's Guide to Emerging Technologies</u> |
| <i>AS</i> | Boyd Corporation Sales Brochure, 8/96 |

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|--------------------------|---------------------------------|
| EXAMINER <i>Ron B...</i> | DATE CONSIDERED <i>11/10/03</i> |
|--------------------------|---------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.